

IN THE CLAIMS:

Please cancel Claims 1-12 without prejudice to or disclaimer of the subject matter contained therein.

Please add new Claims 13-16 as follows.

1-12. (Cancelled)

13. (New) A process for producing a recording medium for ink-jet recording having an ink-receiving layer on a base material, comprising the steps of:

grinding  $\gamma$ -alumina and removing a coarse particle component by a separation treatment such that the average particle diameter of the  $\gamma$ -alumina is at least 0.21  $\mu\text{m}$  and at most 1.0  $\mu\text{m}$ , and at least 90 % of all particles of the  $\gamma$ -alumina have a particle diameter of at most 1.0  $\mu\text{m}$ ; and

applying onto the base material the  $\gamma$ -alumina subjected to the treatment of removing the coarse particle component with a binder.

14. (New) The process for producing a recording medium for ink-jet recording according to claim 13 wherein the separation treatment is by a centrifugation method or by a filter.

15. (New) The process for producing a recording medium for ink-jet recording according to claim 13, wherein the  $\gamma$ -alumina is an alumina obtained by heating and calcining boehmite or pseudoboehmite.

16. (New) The process for producing a recording medium for ink-jet recording according to claim 13, wherein the mixing ratio of the  $\gamma$ -alumina to the binder is within the range of from 1:1 to 30:1 by weight.